

Claims

- 1 A protection structure for use with an electronic device having an interchangeable housing, said electronic device having an electronic module, said interchangeable housing having an upper cover and a lower cover, said upper cover separably connecting with said lower cover, said upper cover and said lower cover together forming a first space for accommodating said electronic module, said protection structure comprising:
a first protection element disposed between said upper cover and said electronic module; and
a second protection element disposed between said lower cover and said electronic module, and connecting with said first protection element.
- 2 The protection structure of claim 1, wherein said first protection element includes a display window, said electronic module includes a display device, said display device displays an information through said display window.
- 3 The protection structure of claim 1, wherein said second protection element includes an opening, said electronic device connects with an electrical power supply device through said opening.

4 The protection structure of claim 1, wherein said protection structure includes an antenna disposed on said second protection element.

5 The protection structure of claim 1, wherein said first protection element is made of metal materials.

6 The protection structure of claim 1, wherein said second protection element is made of metal materials.

7 The protection structure of claim 6, wherein said second protection element provides said electronic device with a shielding function.

8 A communication device, comprising:
an upper cover;
a lower cover separably connecting with said upper cover for forming a first space;
a first protection element disposed within said first space;
a second protection element disposed between said lower cover and said first protection element and connecting with said first protection element, said first protection element and said second protection element together forming a second space; and
a communication module disposed within said second space;

wherein said first protection element and said second protection element protect said communication module when said upper cover and said lower cover are disassembled.

9 The protection structure of claim 8, wherein said first protection element includes a display window, said electronic module includes a display device, said display device displays an information through said display window.

10 The protection structure of claim 8, wherein said second protection element includes an opening, said electronic device connects with an electrical power supply device through said opening.

11 The protection structure of claim 8, wherein said protection structure includes an antenna disposed on said second protection element.

12 The protection structure of claim 8, wherein said first protection element is made of metal materials.

13 The protection structure of claim 8, wherein said second protection element is made of metal materials.

14 The protection structure of claim 13, wherein said second protection element provides said electronic device with a shielding function.